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The effect of inhibitors in iodine solution (pH 4 and 2.7 psi)

(a)

	0.01 N I ₂						
	No inhibitor	BTA			TTA		
		1 mM	5 mM	10 mM	1 mM	5 mM	10 mM
Removal Rate (nm/min)	775.0	945.1	56.3	58.4	100.1	106.9	51.8
STD	7.6	14.9	16.6	16.2	27.2	13.2	7.3

The effect of surfactants on removal rate (nm/min) of copper in iodine solution (pH 4 and 6.7 psi)

(b)

	10 mN I ₂									
	No inhibitor	SAS					Triton X-100			
		.5 mM	2 mM	5 mM	10mM	20 mM	1 mM	2 mM	3 mM	5 mM
RR (nm/min)	1210.0	1080.9	1040.0	975.7	524.7	514.0	977.5	189.0	129.7	29.5
STD	33.5	55.1	11.6	62.5	34.1	11.5	43.4	30.4	21.2	24.2

The static removal rate (nm/min) of copper in iodine based solutions (pH 4)

(c)

		10 mN iodine		
		No additive	5 mM BTA	10 mM SAS
pH	4	64.9 ± 2.65	2.8 ± 0.4	39.6 ± 4.3
	6	63.4 ± 2.37	1.1 ± 0.4	65.2 ± 10.1
	8	48.7 ± 2.4	-1.4 ± 0.7	28.9 ± 0.4
	9	35.2 ± 1.3	-0.3 ± 0.5	27.7 ± 0.4

FIG. 13